



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich
App. No.: 10/604,984
Conf. No.: 1983
Filing Date: August 28, 2003
Title: BIOINFORMATICALY
DETECTABLE GROUP OF NOVEL
REGULATORY GENES AND USES
THEREOF
Art Unit: 1631
Examiner: Eric S. DeJong

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

September 25, 2006

Date

/Teddy C. Scott, Jr., Ph.D./

Teddy C. Scott, Jr., Ph.D.

Registration No. 53,573

REPLACEMENT SEQUENCE LISTING UNDER 37 C.F.R. § 1.825(a)

Dear Sir:

In compliance with 37 C.F.R. § 1.52(e), please find enclosed herewith 2 copies of a replacement compact disc containing a replacement Sequence Listing filed pursuant to 37 C.F.R. § 1.825(a).

SEQ ID NO: 46756 is new, support for which can be found at Fig. 12A as originally filed.

SEQ ID NO: 46757 is new, support for which can be found at Fig. 13A as originally filed.

SEQ ID NO: 46758 is new, support for which can be found at Fig. 14A as originally filed.

SEQ ID NO: 46759 is new, support for which can be found at paragraph 42972, which recites:

VGR3152 folded precursor RNA, herein designated VGR FOLDED PRECURSOR RNA, is naturally processed by cellular enzymatic activity into at least 7 separate VGAM precursor RNAs, VGAM1930 precursor RNA, VGAM1931 precursor RNA, VGAM1932 precursor RNA, VGAM1933 precursor RNA, VGAM1934 precursor RNA, VGAM1935 precursor RNA and VGAM1936 precursor RNA, herein schematically represented by VGAM1 PRECURSOR, VGAM2 PRECURSOR, VGAM3 PRECURSOR, VGAM4 PRECURSOR, VGAM5 PRECURSOR, VGAM6 PRECURSOR and VGAM7 PRECURSOR respectively, each of which VGAM precursor RNAs being a hairpin shaped RNA segment, corresponding to VGAM PRECURSOR RNA of Fig.8.

SEQ ID NOS: 1916 and 1917 represent the sequences of VGAM1930 and VGAM1931, respectively, both of which sequences are contained in the application as originally filed. VGAM1930 (SEQ ID

NO: 1916) is located in the Human herpesvirus 4 genome at positions 138,657 to 138,715. VGAM1931 (SEQ ID NO: 1917) is located in the Human herpesvirus 4 genome at positions 139,340 to 139,418. SEQ ID NO: 46759 (VGR3152) represents the sequence of the Human herpesvirus 4 genome at positions 138,657 to 139,418. Therefore, SEQ ID NO: 46759 (VGR3152) represents the sequences of VGAM1930 (SEQ ID NO: 1916), VGAM1931 (SEQ ID NO: 1917), and the intervening 624 base pairs in the Human herpesvirus 4 genome between VGAM1930 and VGAM1931 (positions 138,716 to 139,339).

SEQ ID NOS: 46760-46765 are new, support for which can be found at paragraph 0151 of the application as originally filed.

In view of SEQ ID NOS: 46756-46765 being supported by the application as originally filed, Applicant respectfully submits that the replacement compact disc contains no new matter in accordance with 37 C.F.R. § 1.825(a).

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 25, 2006

By: / Teddy C. Scott, Jr., Ph.D./
Teddy C. Scott, Jr., Ph.D.
Registration No.: 53,573
Customer No.: 37808

POLSINELLI SHALTON WELTE SUELTHAUS PC
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<u>September 25, 2006</u>	<u>/Teddy C. Scott, Jr., Ph.D./</u>
Date	Teddy C. Scott, Jr., Ph.D.
	Registration No. 53,573

STATEMENT PURSUANT TO 37 C.F.R. § 1.825(b)

Dear Sir:

I hereby state that the information recorded on the Substitute Computer Readable Form, submitted herewith in accordance with 37 C.F.R. § 1.821(b), is identical to the written (on paper or compact disc) Replacement Sequence Listing submitted herewith in accordance with 37 C.F.R. § 1.825(a).

Respectfully submitted,

POLSINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 25, 2006

By: /Teddy C. Scott, Jr., Ph.D./
 Teddy C. Scott, Jr., Ph.D.
 Registration No.: 53,573
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1 PW
not sent

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL" (37 CFR 1.8)			Matter No.	
Applicant(s): Itzhak Bentwich			050992-0300.CPUS09	
Serial No.	Filing Date	Examiner	Group Art No.	Confirmation No.
10/604,984	August 29, 2003	Eric S. DeJong	1631	1983
Invention: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND USES THEREOF				

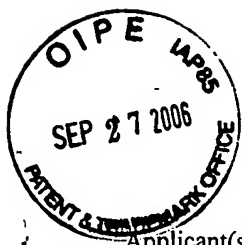
I hereby certify that a Transmittal Sheet for Submission of Compact Discs (1 p.); a Statement Pursuant to 37 C.F.R. § 1.825(b) (1 p.); Replacement Sequence Listing Under 37 C.F.R. § 1.825(a); the Computer Readable Form of the Sequence Listing (1 CD); the Sequence Listing (2 CDs); and a stamped, pre-addressed postcard are being mailed by U.S. Postal Service First Class Mail to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, this 25th day of September, 2006.

Kathleen Franklin

(Typed or Printed Name of Person Mailing Correspondence)

Kathleen Franklin

(Signature of Person Mailing Correspondence)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich

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/Teddy C. Scott, Jr., Ph.D./

Teddy C. Scott, Jr., Ph.D.

Registration No. 53,573

TRANSMITTAL SHEET FOR SUBMISSION OF
COMPACT DISCS PURSUANT TO 37 C.F.R. §1.53(E)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith are three copies of one compact disc (MS-Windows format) containing electronic copies of the following : (i) CRF Format Sequence Listing submitted under 37 C.F.R. §1.821(c) (1 CD); and (ii) Sequence Listing submitted under 37 C.F.R. §1.821(e) (2 CDs). Pursuant to 37 C.F.R. §1.52(e)(4)(c), I hereby certify that the three copies of the compact disc are identical. The contents of the compact disc are as follows:

File Name	Size	Date
ReplacementSeqList.txt	7,212 KB	September 25, 2006

Respectfully submitted,

POL SINELLI SHALTON WELTE SUELTHAUS PC

Dated: September 25, 2006

By: /Teddy C. Scott, Jr., Ph.D./
Teddy C. Scott, Jr., Ph.D.
Registration No.: 53,573
Customer No.: 37808

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